

**Work Order ID 73088**

Page 1

Thursday, August 25, 2011 1:25:58 PM

Item ID: D3297-3-0085

Accept



Setup Start



Revision ID:

Stop



Item Name: HOSE ASS'Y

Start Date: 8/25/2011 Start Qty: 4.00



Cust Item ID:

Required Date: 9/5/2011 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan:

*ME*

Date:

*11-08-25*

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D3297

Rev D

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Create D2729-1 label and include with W/O

Issue P/O: *14747*

Hose Assembly as per Dwg D3297

Possible Supplier: API

Material release note is required

*CL 11/08/25 (P)*

110

0.00



Receive &amp; Inspect for Damage &amp; Mat'l Certs

Packaging

Memo

0.00

Packaging

Ensure Material Release Note is attached

*P-11/8/31*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 73088**

Thursday, August 25, 2011 1:25:58 PM

Page 2

Item ID: D3297-3-0085

Accept

Setup Start

Revision ID:

Stop

Item Name: HOSE ASS'Y

Start Date: 8/25/2011 Start Qty: 4.00

Cust Item ID:

Required Date: 9/5/2011 Req'd Qty: 4.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool # Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

130

Small Fab

0.00



Small Fab

Memo

0.00

Small Fab

Install D2729-1 as per Dwg D3297  
using D2182-045 Heat Shrink  
Batch: B21864

140

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control



8/26/11

(x4)

E 8/11/09/02 (4)

6/11/09/02

(4)

**Work Order ID 73088**

Thursday, August 25, 2011 1:25:58 PM

Page 3

Item ID: D3297-3-0085

Accept

Revision ID:

Item Name: HOSE ASS'Y

Start Date: 8/25/2011 Start Qty: 4.00

Required Date: 9/5/2011 Req'd Qty: 4.00

Reference:

Cust Item ID:

Customer:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Run Start  
Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

150

Identify as per dwg & Stock Location: 194

0.00



Packaging

Memo

0.00

Packaging

160

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/9/25 (4)

11/9/06

me  
11-09-06

# Picklist Print

Thursday, August 25, 2011 1:25:55 PM

Page 1

Work Order ID: 73088

Parent Item: D3297-3-0085

Parent Item Name: HOSE ASS'Y



Start Date: 8/25/2011

Required Date: 9/5/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B 04.11.09 Added Step 5 KJ/JLM  
IPP: C 04.11.09 Added Step 6 KJ verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156005-6D0085 		Purchased	No			110	Each	0.0000	1	4			
HOSE ASS'Y													
D2182-045 		Manufactured	No			130	Each	0.0000	1	4			
Heat Shrink 4.5" Long													
D2729-1 		Manufactured	No			130	Each	0.0000	1	4			
Dart Logo label													

B21864

Ø

4/18/31 (4)  
B11/09/02  
B11/09/02

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

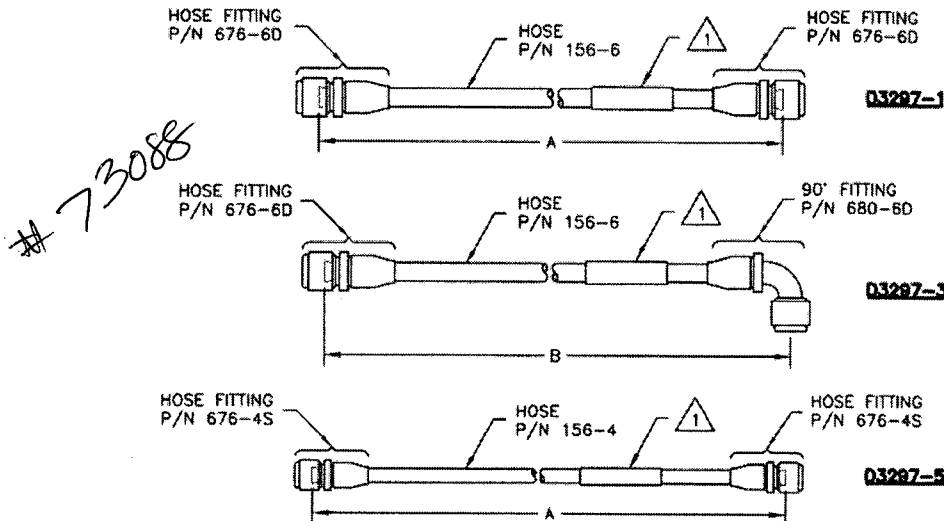
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN #	DRAWN BY #	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3297	REV. D SHEET 1 OF 1
DATE 05.01.21	TITLE HOSE ASSEMBLIES		SCALE NTS
A	04.07.06	NEW ISSUE	
B	04.11.01	STRATOFLEX P/N WAS AEROQUIP P/N	
C	04.11.18	T50 CORRECTED TO TSO	
D	05.01.21	CORRECT STRATOFLEX P/N	

RELEASED  
05.01.21



HOSE SPECIFICATION				
DART P/N	STRATOFLEX P/N	VENDOR	A	B
D3297-1-0098	156001-6D0096	API	9.75	
D3297-1-0130	156001-6D0130	API	13.00	
D3297-1-0121	156001-6D0121	API	12.13	
D3297-3-0085	156005-6D0085	API		8.50
D3297-3-0210	156005-6D0210	API		21.00
D3297-3-0350	156005-6D0350	API		35.00
D3297-5-0410	156001-4S0410	API	41.00	

D3297-1-XXXX HOSE ASSEMBLY } WHERE XXXX REPRESENTS  
D3297-3-XXXX HOSE ASSEMBLY } HOSE LENGTH IN TENTHS OF INCH  
D3297-5-XXXX HOSE ASSEMBLY }

EG: 12.125" LONG: D3297-1-0121  
41.00" LONG: D3297-5-0410  
8.50" LONG: D3297-3-0085

**NOTES:**

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID **PO14747**

Purchase Order Date 8/25/2011

PO Print Date 8/26/2011

Page Number 1 of 1

Order From :

VC-AER002

AEROSPACE PRODUCTS INTERNATIONAL  
P.O. BOX 223, STATION M  
CALGARY, AB T2P 2H6  
CA

Contact Name

Vendor Phone 800 214 7404

Vendor Fax 800 214 8875

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

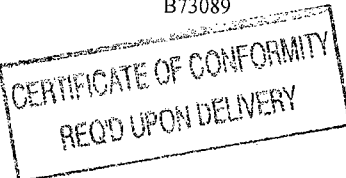
*REFUSED*

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	156005-6D0085	HOSE ASS'Y	8/31/2011 Yes	4.00 Each	FedEx PI collect	\$99.3700	\$397.48
		Special Inst:	AS PER DWG D3297 REV. D B73088				
2	156001-6D0096	HOSE ASS'Y	8/31/2011 Yes	4.00 Each	FedEx PI collect	\$60.1900	\$240.76
		Special Inst:	AS PER DWG D3297 REV. D 73087				
3	156005-6D0210	HOSE ASS'Y	8/31/2011 Yes	4.00 Each	FedEx PI collect	\$114.4300	\$457.72
		Special Inst:	AS PER DWG D3297 REV. D B73089				



PO Total:

\$1,095.96

Change Nbr: 2

Change Date: 8/26/2011

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable



API  
2461 46th Ave.  
LACHINE QC H8T 3C9  
CANADA

Page 1 of 1  
08/30/2011 16:06:18

# Pack List



<b>Shipping Address</b> DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA
<b>Forwarding Agent's Address</b>  
<b>Shipping Instructions</b> Detailed Shipping Instructions at the end of the document
<b>Packing Instructions</b> Detailed Packing Instructions at the end of the document

<b>Information</b>	
Document Number	80924788
Document Date	08/30/2011
Purchase Order No.	<u>PO14747</u>
Purchase Order Date	08/25/2011
Sales Order Number	821655
Sales Order Date	08/25/2011
Customer Number	6100481
Shipping Conditions	FXPri 1D (Intl 1-3D)
Incoterms	
Cust Ship Acct	
Delivery Date	08/31/2011
Bill of Lading	
Total Volume	0.012 IN3
Carrier	PUROLATOR COURIER

Item	Material	Material Description	Quantity	Weight	Batch Num
10	156005-6D-0085	156-6 HOSE ASSEMBLY			
	Batches				
	0002121336 (PO:4500159307)		4 EA	0 LB	
20	156001-6D-0096	156-6 HOSE ASSEMBLY			
	Batches				
	0002121335 (PO:4500159307)		4 EA	0 LB	
30	156005-6D-0210	156-6 HOSE ASSEMBLY			
	Batches				
	0002121337 (PO:4500159307)		4 EA	0 LB	

## Shipping and Packing Instructions

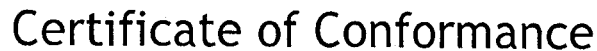
### \*\* CERTIFICATE OF CONFORMANCE \*\*

I hereby certify that the aircraft parts described hereon were acquired from a source of supply that is consistent with the conditions under which Transport Canada distributor approval number 77-98 has been granted.

Authorized Signature

*Rw*





Sales Order# 4500159307 PO# \_\_\_\_\_

[illegible]

If applicable, satisfactory compliance with the conditions and test required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

For API

Dis. H. H. H.